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JUN 11 2007
U.S. PATENT AND TRADEMARK OFFICE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jeffrey Tarvin	§	Group Art Unit: 3676
Serial No.: 10/711,918	§	Examiner: DiTrani, Angela M.
Filed: October 13, 2004	§	
For: System and Method to Interpret Distributed Temperature Sensor Data and to Determine a Flow Rate in a Well	§	Atty. Docket: 101.0166

Commissioner
for Patents
PO Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

June 6, 2007 — Date

Robert A. Van Someren

REPLY AND AMENDMENT

Dear Sir:

In response to the Office Action mailed March 8, 2007, Applicants submit the following:

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.